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10/61/01  
057 U.S. PTOUTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	D-2778/WOD
First Inventor	Krajewski, T. G. et al.
Title	ENHANCED TOUCH-SCREEN DISPLAY SYSTEM
Express Mail Label No.	ET320402868US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 60]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 5 ]

5. Oath or Declaration [ Total Pages 65 ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Form (CRF)

b. Specification Sequence Listing on:
 

- i.  CD-ROM or CD-R (2 copies); or
- ii.  paper

c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: .....

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

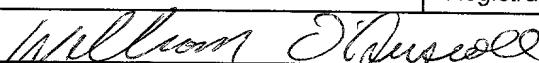
Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	Insert Customer No. or Attach bar code label here		<input type="checkbox"/> or	<input checked="" type="checkbox"/> Correspondence address below
Name	William O'Driscoll - 12-1			
Address	The Trane Company 3600 Pammel Creek Road			
City	La Crosse	State	WI	Zip Code
Country	United States	Telephone	608-787-2538	Fax

Name (Print/Type)	William O'Driscoll	Registration No. (Attorney/Agent)	33,294
Signature			Date 10/19/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC978 U.S. PTO  
10/004054  
10/19/01

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# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$4314.00)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Krajewski, T. G. et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	D-2778/WOD

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **20-1434**  
Deposit Account Name **The Trane Company**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	<b>740.00</b>
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) **(\$ 740.00)**

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
137	-20** = 117	x 18.00	<b>2106</b>
Independent Claims	20	- 3** = 17	x 84.00 = <b>1428</b>
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$ 3534.00)**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	<b>40.00</b>
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3) (\$ 40.00)</b>

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William O'Driscoll	Registration No (Attorney/Agent)	33,294	Telephone	608-787-2538
Signature	<i>William O'Driscoll</i>			Date	<i>10/19/01</i>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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MULTIPLE DEPENDENT CLAIM  
FEE CALCULATION SHEET

(For use with Form PTO/SB/06)

Application Number

Filing Date

Applicant(s)  
Krajewski, T. G. et al.

\* May be used for additional claims or amendments

CLAIMS	AS FILED		AFTER FIRST AMENDMENT		AFTER SECOND AMENDMENT		*		*		*	
	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend
1	Ind.						51	41				
2		1					52	41				
3		2					53	52				
4		2					54	48				
5		4					55	Ind.				
6		2					56	55				
7		1					57	56				
8		7					58	56				
9		8					59	56				
10		9					60	55				
11		10					61	60				
12		11					62	61				
13		12					63	62				
14		13					64	63				
15		2					65	64				
16		2					66	65				
17	Ind.						67	66				
18		17					68	56				
19		18					69	56				
20		18					70	Ind.				
21		20					71	70				
22		21					72	71				
23		22					73		71			
24		23					74		73			
25		23					75		74			
26		25					76		75			
27		25					77		75			
28		26					78		77			
29		17					79		77			
30		29					80		78			
31		30					81		70			
32		31					82		81			
33		32					83		82			
34		33					84		83			
35		33					85		84			
36		35					86		84			
37		36					87		86			
38		35					88		87			
39		37					89		86			
40	Ind.						90		88			
41		40					91	Ind.				
42		41					92		91			
43		42					93		91			
44		43					94		92			
45		43					95		91			
46		40					96		92			
47		41					97		92			
48		40					98		94			
49		41					99		92			
50		41					100		99			
Total Indep							Total Indep					
Total Depend							Total Depend					
Total Claims							Total Claims					

Burden Hour Statement This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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MULTIPLE DEPENDENT CLAIM  
FEE CALCULATION SHEET

(For use with Form PTO/SB/06)

Application Number

Filing Date

Applicant(s)

Krajewski, T. G. et al.

\* May be used for additional claims or amendments

CLAIMS	AS FILED		AFTER FIRST AMENDMENT		AFTER SECOND AMENDMENT		* Indep	* Depend	* Indep	* Depend	* Indep	* Depend
	Indep	Depend	Indep	Depend	Indep	Depend						
10 <sup>1</sup>		95					51					
10 <sup>2</sup>	Ind.						52					
10 <sup>3</sup>		102					53					
10 <sup>4</sup>		103					54					
10 <sup>5</sup>		104					55					
10 <sup>6</sup>		104					56					
10 <sup>7</sup>		104					57					
10 <sup>8</sup>	Ind.						58					
10 <sup>9</sup>		108					59					
11 <sup>0</sup>		109					60					
11 <sup>1</sup>		110					61					
11 <sup>2</sup>		110					62					
11 <sup>3</sup>	Ind.						63					
11 <sup>4</sup>		113					64					
11 <sup>5</sup>	Ind.						65					
11 <sup>6</sup>		115					66					
11 <sup>7</sup>	Ind.						67					
11 <sup>8</sup>		117					68					
11 <sup>9</sup>		118					69					
12 <sup>0</sup>	Ind.						70					
12 <sup>1</sup>		120					71					
12 <sup>2</sup>	Ind.						72					
12 <sup>3</sup>		117					73					
12 <sup>4</sup>		118					74					
12 <sup>5</sup>	Ind.						75					
12 <sup>6</sup>		120					76					
12 <sup>7</sup>	Ind.						77					
12 <sup>8</sup>		117					78					
12 <sup>9</sup>		118					79					
13 <sup>0</sup>	Ind.						80					
13 <sup>1</sup>		120					81					
13 <sup>2</sup>	Ind.						82					
13 <sup>3</sup>	Ind.						83					
13 <sup>4</sup>	Ind.						84					
13 <sup>5</sup>		113					85					
13 <sup>6</sup>	Ind.						86					
13 <sup>7</sup>		115					87					
38							88					
39							89					
40							90					
41							91					
42							92					
43							93					
44							94					
45							95					
46							96					
47							97					
48							98					
49							99					
50							100					
Total Indep	20						Total Indep					
Total Depend	117	←	←	←			Total Depend	←	←	←		
Total Claims	137						Total Claims					

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

-----  
IN THE PATENT APPLICATION OF:

THOMAS G. KRAJEWSKI AND  
JEFFREY J. DEGROOT

U.S. SERIAL NO: UNKNOWN

GROUP: UNKNOWN

FILED: CONCURRENTLY

EXAMINER: UNKNOWN

FOR: ENHANCED TOUCH-SCREEN DISPLAY  
SYSTEM

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La Crosse, Wisconsin  
October 19, 2001

CERTIFICATE OF MAILING BY EXPRESS MAIL

UNDER 37 C.F.R. 1.10

Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

I hereby certify that the attached "Patent Application" is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on October 19, 2001, and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. The number of the Express Mailing label is ET320402868US.

Respectfully Submitted,

*William O'Driscoll*

William O'Driscoll  
Registration No. 33,294

Telephone Number: (608) 787-2538